

UTILITY OR DESIGN PATENT APPLICATION TRANSMITTAL

TO: ☒ Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

☐ Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith are documents for filing under:

☒ 35 USC 111(a) and ☒ 37 CFR 1.53(b) (NEW UTILITY OR DESIGN PATENT APPLICATION) as a new ☒ utility ☐ design patent application

OR

☐ 35 USC 371 (UNITED STATES DESIGNATED/ELECTED OFFICE -DO/EO/US) for an invention entitled:

PROCESS AND APPARATUS FOR DETECTION OF THE CARDIAC CYCLE

and invented by: Maria-Magdalena Nay, Christophe Blondel, Laurence Gavit and Regis Vaillant

If a continuation application:

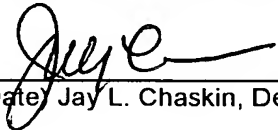
☐ continuation ☐ division ☐ continuation-in-part of prior Application No.  
Examiner: Group Art Unit:

Enclosed are:

1. ☒ Specification having nineteen (19) pages comprising the following:
  - a. ☒ Claims numbered from 1 to 29
  - b. ☒ Abstract of the Disclosure
  - c. ☒ Drawing (s) as follows:
    - (1) ☒ Formal ☐ Informal
    - (2) Number of Sheets: four (4) with Figures No. 1 to 6
  - d. ☒ Oath or Declaration as follows:
    - (1) ☐ Original and signed
    - (2) ☒ Unsigned
    - (3) ☐ Copy from prior Application No. filed
    - (4) ☒ With ☐ Without Power of Attorney
    - (5) ☐ Deletion of Inventor(s) (Signed statement deleting inventor(s) named in the prior application, see 37 CFR 1.63(d) and 1.33(b).
2. ☐ Incorporation by Reference (if Box 1d(3) is checked)
3. ☐ Assignment
  - ☐ Recordation Cover Sheet
  - ☐ Document

4. ☐ Preliminary Amendment  
 5. ☐ Return Receipt Postcard  
 6. ☒ Certificate of Mailing by "Express Mail"

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 as Express Mail No. EU938716320US on December 6, 2003 and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
 (Name and Date) Jay L. Chaskin, December 3, 2003

7. ☒ Filing fee calculated and transmitted:  
 a. As described below ☒ for the claims as filed or ☐ as amended by the enclosed Preliminary Amendment.

☐ Small Entity ☒ Large Entity

| For                                 | No. Filed | No. Extra | Rate      | Fee           | Rate      | Fee            |
|-------------------------------------|-----------|-----------|-----------|---------------|-----------|----------------|
| Basic                               |           |           |           | \$ 385        |           | \$ 770         |
| Total Claims                        | 29-20 =   | -9 -      | X \$ 9 =  | \$            | X \$ 18 = | \$ 162         |
| Ind. Claims                         | 4-3 =     | -1-       | X \$ 43 = | \$            | X \$ 86 = | \$ 86          |
| Mult. Dep. <input type="checkbox"/> |           |           | +\$145 =  | \$            | + \$290 = | \$             |
| <b>Total Filing Fee</b>             |           |           |           | <b>\$ 385</b> |           | <b>\$ 1018</b> |

- b. ☐ see enclosed PTO-1390 for Transmittal Letter to US Designated/Elected Office for National Stage of PCT  
 c. ☐ see enclosed PTO/SB/13/PCT for Request for Filing a Continuation or Division of an International Application  
 d. ☐ design filing fee of ☐ \$170.00 ☐ \$340.00  
 e. ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0470 as described below. A duplicate copy of this sheet is enclosed.  
 (1) Charge the amount of ☐ \$170.00 ☐ \$340.00 ☐ \$385.00 ☐ \$770.00  
☒ \$1018.00 for the filing fee.  
 (2) ☒ Credit any overpayment.  
 (3) ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.  
 (4) ☐ Charge the Issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).  
 f. ☐ A check in the amount of \$ for the filing fee is enclosed.

8. ☐ Information Disclosure Statement
- a. ☐ PTO-1449 (or PTO/SB/08A and PTO/SB/08B)
- b. ☐ Copies of Cited Documents (non-US patents/non-US patent publications)
- c. ☐ Concise Explanation of non-English language documents

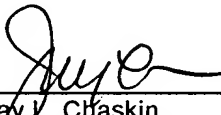
9. ☒ Certified Copy of Priority Document(s)

Country France  
Filing Date December 6, 2002  
Application No. 02 15443  
Applicant GE Medical Systems Global Technology Company, LLC

Country  
Filing Date  
Application No.  
Applicant

10. ☐ Additional Enclosures as follows:
- a. ☐
- b. ☐

Date: December 3, 2003

  
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Reg. No. 24030

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